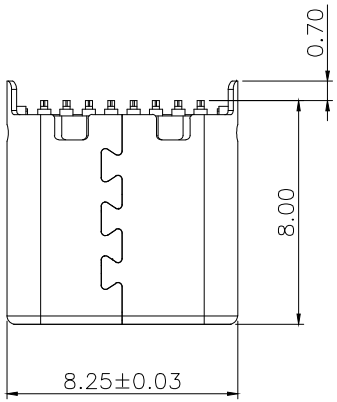
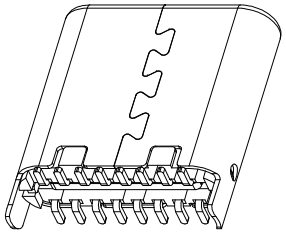
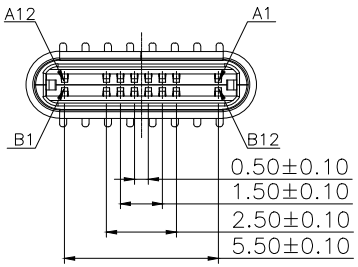
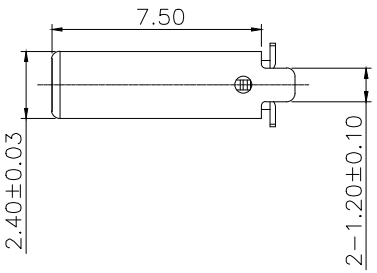
RoHS Compliant

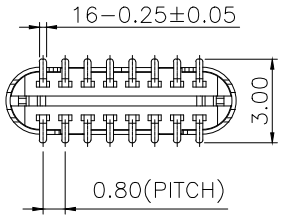
REV.	ZONE	DESCRIPTION	DESIGN	DATE
A	---	INITIAL RELEASED	ZXM	2025.06.24
B	---	DRAWING UPGRADE	ZXM	2025.12.22

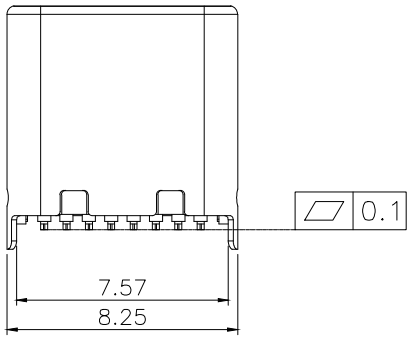












NOTE:

1.MATERIAL SPECIFICATION:

1-1.HOUSING: LCP,BLACK

1-2.CONTACTS: C5191 T=0.20

1-3.LATCH: SUS301 T=0.35

1-4.SHELL: SUS304 T=0.15;

1-5.CAP: LCP,BLACK

2.PLATING SPECIFICATION:

2-1.CONTACTS:

Ni 50u" MIN. UNDER PLATED OVER ALL.

Au1u" PLATED ON THE FUNCTIONAL AREA OF CONTACT.

MATTE TIN 50u"MIN. PLATED ON SOLDER AREA.

2-2.SHELL:

Ni 30u" MIN. UNDER PLATED OVER ALL.

3.MECHANICAL PERFORMANCE,

3-1.INSERTION FORCE: 0.5~2.0kgf.

3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.

3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

4-1. CURRENT RATING: 3.0A
VOLTAGE RATING: 5.0V

4-2.INSULATION RESISTANCE: 100MΩ MIN.

4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

4-4.LOW CONTACT RESISTANCE: INITIAL 40mΩ AFTER 50mΩ

5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -55℃~+85℃.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260℃.

X. ±0.50	X.° ± 2°	UNITS mm
.X ±0.30	.X° ± 1°	MAT'L
.XX ±0.20	.XX° ± 0.5°	FINISH
.XXX ± 0.10		Q'TY

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广东创粤科技有限公司
Guangdong Chuangyue Technology Co.,Ltd

TITLE: TYPE-C 16PIN立贴公头 H=8.0MM 脚长0.7

APPD: CZN

CHKD: CZJ

DR: ZXM

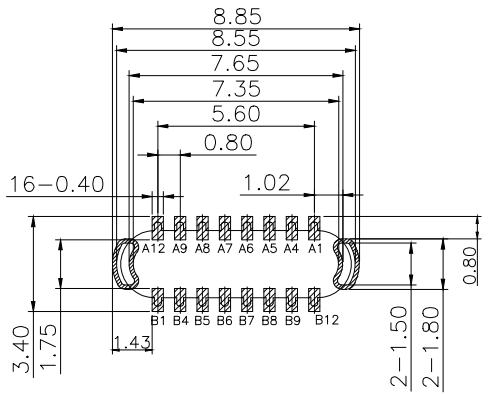
PART NO.: TYPE-CM-16P-H8.0SMT-00166

SCALE	SHEET	REV.
1/1	1/2	B

REV.	ZONE	DESCRIPTION	DESIGN	DATE
A	----	INITIAL RELEASED	ZXM	2025.06.24
B	----	DRAWING UPGRADE	ZXM	2025.12.22

RoHS Compliant

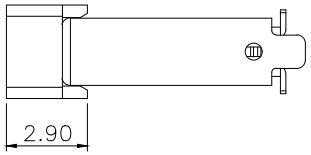
Process Capable

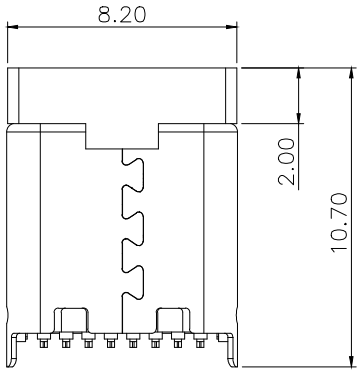


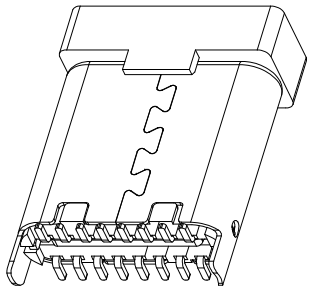
RECOMMENDED PCB LAYOUT

COMPONENT SIDE(GENERAL TOLERANCE:±0.05)









Added suction cap view

SCALE 1:1

PIN ASSIGNMENT:

Pin No.	Signal Name	Pin No.	Signal Name
A1	GND	B12	GND
A2		B11	
A3		B10	
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10		B3	
A11		B2	
A12	GND	B1	GND

X. ±0.50	X.° ± 2°	UNITS mm
.X ±0.30	.X° ± 1°	MAT'L
.XX ±0.20	.XX° ± 0.5°	
.XXX ± 0.10		FINISH
		Q'TY

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TITLE: TYPE-C 16PIN立贴公头 H=8.0MM 脚长0.7

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DR: ZXM

PART NO.: TYPE-CM-16P-H8.0SMT-00166

SCALE	SHEET	REV.
1/1	2/2	B